

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Takao Nakamura et al.
Serial No.: Unknown
Filed : March 23, 2004
Title : SEMICONDUCTOR OPTICAL DEVICE, METHOD OF FORMING
CONTACT IN SEMICONDUCTOR OPTICAL DEVICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

This filing is being made before the receipt of a first Office action on the merits. No fee is required.

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

CERTIFICATE OF MAILING BY EXPRESS MAIL

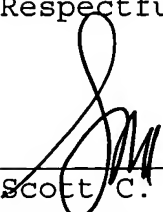
Express Mail Label No. EV 399298121 US

March 23, 2004
Date of Deposit

Please apply any additional charges or credits to Deposit
Account No. 06-1050.

Respectfully submitted,

Date: March 23, 2004



Scott C. Harris
Reg. No. 32,030

Fish & Richardson P.C.
USPTO Customer No. **20985**
12390 El Camino Real
San Diego, CA 92130
Telephone: (858) 678-5070
Facsimile: (858) 678-5099

10378802.doc

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14925-010001	Application No. Unknown
	Applicant Takao Nakamura et al.		
	Filing Date March 23, 2004	Group Art Unit Unknown	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,396,103	03/07/1995	Oiu et al.			
	AB	5,548,137	08/20/1996	Fan et al.			
	AC						
	AD						
	AE						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AF	06-310815	11/04/1994	Japan			X (Abstract Only)	
	AG	06-005920	01/14/1994	Japan			X (Abstract Only)	
	AH							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AI	Takao Nakamura et al., Optronics (2000) No. 12, pp.126-131 (partial translation)
	AJ	Y. Fan et al., "Graded band gap ohmic contact to <i>p</i> -ZnSe", <u>Appl. Phys. Lett.</u> , 61 (26), 12/28/1992, pp. 3160-3162
	AK	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	